MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

NOVEMBER 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

NOVEMBER 1952
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.9	62.8	63.7	63.1	24.6	19.1	21.1	24.2	21.4	22.2
2	63.3	61.6	60.3	61.7	25.3	21.1	21.8	24.2	22.1	22.7
3	58.0	57.0	58.2	57.7	26.1	19.2	24.7	25.5	20.7	23.6
4	61.2	61.6	63.8	62.2	23.7	19.3	20.8	23.3	20.6	21.6
5	64.8	63.8	64.0	64.2	24.3	18.7	21.1	23.0	21.1	21.7
6	63.6	61.1	60.8	61.8	23.6	18.9	20.4	23.3	21.7	21.8
7	60.2	60.1	60.3	60.2	22.5	17.2	21.8	20.0	20.2	20.7
8	62.4	61.5	61.6	61.8	23.8	19.1	20.2	23.3	20.7	21.4
9	61.0	60.3	60.8	60.7	24.7	19.4	21.6	24.6	21.1	22.4
10	60.0	59.1	58.6	59.2	24.2	18.6	21.9	23.1	20.5	21.8
11	56.8	56.2	58.3	57.1	24.3	16.7	21.2	18.3	19.6	19.7
12	62.5	62.8	63.8	63.0	21.3	15.9	20.0	20.7	18.7	19.8
13	64.9	64.3	64.7	64.6	21.4	17.3	17.8	20.9	19.6	19.4
14	65.0	64.1	64.2	64.4	22.6	17.9	19.4	22.2	19.4	20.3
15	63 1	62.2	62.2	62.5	23.0	18.3	19.4	22.8	19.8	20.7
16	62.7	62.5	63.3	62.8	23.0	17.4	19.4	21.6	20.2	20.4
17	65.0	64.5	65.8	65.1	19.6	14.4	18.9	19.2	16.6	18.2
18	66.8	66.5	66.7	66.7	20.3	15.9	16.8	19.4	17.4	17.9
19	67.1	65.2	64.7	65.7	20.8	17.2	17.4	20.4	17.6	18.5
20	63.6	63.0	63.4	63.3	21.5	15.3	18.9	21.1	16.8	18.9
21	64.7	64.5	64.7	64.6	20.4	15.1	17.9	19.4	16.6	18.0
22	64.1	62.4	60.8	62.4	20.5	16 9	17.3	19.7	17.6	18.2
23	62.2	61.8	62.0	62.0	22.3	17.0	19.7	18.3	18.1	18.7
24	60.6	59.6	60.1	60.1	21.8	15.9	20.1	20.7	16.6	19.1
25	61.7	61.4	61.6	61.6	19.3	14.4	18.4	16.7	16.6	17.2
26	62.8	62.6	63.9	63.1	20.0	16.4	16.6	19.1	16.9	17.5
27	64.8	63.6	64.2	64.2	21.3	15.6	18.3	20.8	17.2	18.8
28	63.9	62.4	63.1	63.1	21.3	15.4	15.8	20.3	18.2	18.1
29	63.3	62.4	62.8	62.8	20.8	17.0	18.6	20.5	18.4	19.2
30	63.0	62.3	62.4	62.6	21.7	17.8	18.7	21.2	19.1	19.7
31										
	62.87	62.11	62.49	62.48	22.33	17.28	19.53	21.26	19.04	19.94

Barometer, range for month 767.1 mm. — 756.2 mm
„ 71-yr. average for month 762.63 mm.
Thermometer, range for month 26.1°C — 14.4°C
„ 71-yr. average for month 19.85°C
Rain total for month 136.65 mm.
„ 71-yrs average for month 132.61 mm.
„ Total, Sept. 1st. to end of month 160.52 mm.
„ 71-yrs. average. Sept. 1st. to end of month 188.82mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	17.7	17.8	17.1	17.5	71	61	68	67	8.7	126.0	
2	17.8	17.8	16.8	17.5	70	61	64	65	7.5	177.0	
3	13.3	21.5	21.1	18.6	43	66	88	66	7.9	637.0	5.33
4	19.9	15.9	17.6	17.8	82	56	72	70	3.6	198.0	2.54
5	15.4	17.5	18.3	17.1	61	65	72	66	8.4	200.0	
6	15.3	17.1	18.4	16.9	62	60	70	64	9.8	241.0	
7	15.5	18.6	16.9	17.0	62	79	72	71	5.1	386.0	11.93
8	18.0	16.5	17.0	17.1	78	58	72	69	9.4	169.0	4.32
9	19.0	16.8	16.5	17.4	73	55	67	65	9.6	47.0	
10	16.7	19.5	18.7	18.3	64	69	77	70	7.9	169.0	
11	15.4	17.6	14.0	15.7	61	83	67	70	4.7	938.0	11.18
12	11.0	13.7	13.9	12.9	47	58	64	56	6.3	220.0	3.05
13	17.5	16.5	17.3	17.1	86	65	77	76	4.0	50.0	3.05
14	14.6	18.0	14.0	15.5	64	67	61	64	9.7	89.0	
15	12.5	15.2	12.5	13.4	55	53	53	54	9.0	206.0	
16	9.9	11.7	10.0	10.5	43	44	43	43	9.6	880.0	
17	5.6	6.6	7.9	6.7	27	28	40	32	9.2	661.0	
18	7.4	9.9	10.2	9.2	39	43	53	45	6.0	156.0	
19	7.4	8.1	8.4	8.0	40	34	41	38	5.4	270.0	
20	9.4	13.8	11.6	11.6	43	56	60	53	2.1	378.0	
21	12.8	11.4	11.2	11.8	64	50	59	58	4.8	174.0	
22	9.3	11.9	9.8	10.3	48	54	48	50	1.5	232.0	
23	13.5	17.1	14.3	15.0	60	80	71	70	2.7	373.0	1.01
24	11.0	13.1	17.3	13.8	48	56	92	65	3.2	856.0	16.00
25	14.4	17.3	14.7	15.5	68	92	77	79	3.0	351.0	48.51
26	15.2	16.7	15.2	15.7	81	76	82	80	4.2	219.0	6.61
27	14.4	17.0	18.5	16.6	68	72	95	78	3.0	301.0	8.13
28	16.6	17.0	16.5	16.7	94	71	78	81	3.4	172.0	14.99
29	14.4	18.1	17.6	16.7	70	75	83	76	8.0	92.0	
30	15.0	16.5	16.1	15.9	69	67	73	70	3.6	150.0	
31											
	13.86	15.54	14.98	14.79	61.4	61.8	67.9	63.7	6.04	303.93	4.55

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	4cu	7cu-ci	6cu	5.7	3sw	2w	1e	light	
2	6cu	10cu-st	10cu-st	8.7	1e	1ne	0	,,	
3	7ci	8cu	10ni	8.3	3sw	4sw	1sw	,,	
4	10ni	9cu	8cu	9.0	4nw	2sw	1sw	slight	Tr., P.M.
5	9cu	9cu-ci	6cu	8.0	1e	1nw	1ne	light	
6	0	3cu-ci	0	1.0	1ne	1ne	2ne	light	
7	6cu-ni	9cu-ni	10cu-ni	8.3	1sw	3sw	2sw	,,	
8	2cu	3cu	0	1.7	1se	1w	2ne	,,	
9	0	0	0	0.0	0	1nw	0	,,	
10	0	8cu	0	2.7	1se	1nw	1n	,,	
11	6cu-ci	10cu-ni	0	5.3	1sw	3sw	5sw	slight	G., P.M.
12	3cu	8cu	6cu	5.7	4w	2w	1w	mod.	
13	10cu-ni	10cu-ni	7cu	9.0	0	1ne	1e	light	
14	0	0	0	0.	1e	1ne	1n	,,	
15	0	7ci	0	2.3	1e	2n	1ne	,,	
16	0	0	0	0.0	1e	3n	4ne	light	
17	0	0	0	0.0	5ne	4ne	1ne	slight	
18	9cu	10cu	10cu-ct	9.7	2e	2w	1	light	
19	4cu	4cu-ci	0	2.7	1e	2n	0	,,	
20	10cu-st	3cu -st	0	4.3	1se	3w	1ne	,,	
21	7cu-ni	9ci-st	0	5.3	1e	1n	1ne	light	
22	10cu-st	10st	0	6.7	1se	1e	1e	calm	
23	8cu	10cu-ni	9cu-ni	9.0	2sw	2se	1se	light	
24	10cu-ni	10cu-ni	10ni	10.0	4sw	5sw	4sw	slight	
25	10cu-ni	10ni	9cu-ni	9.7	1sw	2n	1n	mod.	
26	6cu	10cu-ni	7cu	7.7	1e	2sw	1sw	light	
27	10cu-st	10cu-st	10ni	10.0	1se	2w	1sw	,,	
28	10ni	7cu	7cu	8.0	1e	1sw	1nw	,,	
29	0	5cu-st	8cu-st	4.3	1se	1n	1n	,,	
30	10cu-st	9cu	10cu	9.7	0	1n	1n	,,	
31									
	Mean			5.76					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	10	6	0	7	1	1	3	30
14:30	7	5	1	1	0	7	6	3	0	30
20:30	5	8	4	1	0	7	1	1	3	30
Total	12	15	15	8	0	21	8	5	6	90

Number of days with rain 13, fog 0, thunderstorms 0, gale 1.
71 yr. av. number of days with rain during month 9.4